

ABSTRACT OF THE DISCLOSURE

The compound 3-ethyl-6-[3-(4-morpholinyl)propoxy]-1,2,4-benzotriazine 1,4-dioxide and pharmacologically acceptable salts thereof. A method of treating cancer in a subject is also described in which 3-ethyl-6-[3-(4-morpholinyl)propoxy]-1,2,4-benzotriazine 1,4-dioxide or a pharmacologically acceptable salt thereof is administered to tumor cells in a hypoxic environment. Also described is a method of radiosensitising in a subject tumor cells of solid tumors in hypoxic conditions by administering to the subject a pharmaceutical composition containing 3-ethyl-6-[3-(4-morpholinyl)propoxy]-1,2,4-benzotriazine 1,4-dioxide or a pharmacologically acceptable salt thereof in an amount sufficient to produce radiosensitivity in the tumor cells, and subjecting the tumor cells to radiation. A pharmaceutical composition is additionally provided containing a therapeutically effective amount of 3-ethyl-6-[3-(4-morpholinyl)propoxy]-1,2,4-benzotriazine 1,4-dioxide or a pharmacologically acceptable salt thereof and a pharmaceutically acceptable excipient, adjuvant, carrier, buffer or stabiliser.